AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as follows.

~~ABSTRACT~~

~~FIBER-OPTIC INTERFEROMETRIC ROTATION SPEED SENSOR DEVICE~~

[[The]] An fiber-optic interferometric rotation sensor device ~~of the invention comprises~~ has a laser source combined with an optical fiber. These are ~~and with a device~~ configured to cause interference between ~~for making the~~ a beam from the laser source ~~interfere with the~~ and a beam coming from the optical fiber~~, and, according to one feature of the invention, the~~ . The laser source [[is]] includes an optical cavity having a gain lasing medium ~~and the~~ . The sensor device includes, along the path of the beam output by the laser cavity, a beam splitter device associated with a mirror, wherein the beam split off from the beam output by the laser cavity [[being]] is sent into one of the ends of the optical fiber[[,]] and directed from the other end ~~of which is directed~~ toward the gain lasing medium ~~that forms~~ to form a nonlinear mirror[[,]] [[the]] . The splitter device [[being]] is followed by a detector.

~~FIGURE 1~~